

CLAIMS

1. Device (6) for controlling at a fault condition an apparatus (2) connected by a connection line (5) to a grid point (4) of a transmission net (3) in an electric power network (1), **characterized in** that the device (6) comprises a voltage raising means (7), that the voltage raising means comprises a first branch (10) connected to the grid point containing a switching means (12) and a second branch (11) containing a current resisting means (13), and that the voltage raising means comprises a computer means (8) for signal processing of a sensed fault condition on the network and for affecting the operation of the switching means such that on a fault condition at least part of the current is diverted through the voltage raising means and for evaluation of further actions.
2. Device according to claim 1, wherein the switching means (12) comprises a power switch for diverting the current to the second path.
3. Device according to claim 1 or 2, wherein the current resisting means (13) comprises a resistor element (14).
4. Device according to claim 1 or 2, wherein the current resisting means (13) comprises an autotransformer.
5. Device according to any of the preceding claims, wherein the computer means comprises a memory means (9).
6. Electric power network (1) comprising a first apparatus (2), a transmission net (3) and a second apparatus, both apparatus connected to a grid point (4) of the transmission net by a connection line (5), **characterized in** that the connection line comprises a control device (6) including a voltage raising means (7), that the voltage raising means comprising a first branch (10) including a switching means (12), and that the voltage raising means comprises a second branch (11) containing a voltage raising means (13), whereby the switching means in the open position diverts the current into the second branch.
7. Electric power network according to claim 6, wherein control device (6) comprises a computer means (8).

8. Electric power network according to claim 6 or 7, wherein the network comprises sensing means for sensing a fault condition on the net.
9. Electric power network according to any of claims 6 – 8, wherein the network comprises communication means for exchanging signals between the control device, sensors and actuators.
10. Method for controlling at a fault condition an apparatus (2) connected by a connection line (5) to a grid point (4) of a transmission net (3) in an electric power network (1), **characterized in**
 - sensing the fault condition,
 - introducing a first operational condition for the apparatus under a first period of time,
 - evaluating during the first period of time a second operational condition to be introduced, and
 - introducing the second operational condition starting a second period of time for further evaluation of conditions to be introduced.
11. Method according to claim 8, wherein the first operational condition comprises the diversion of current to pass a voltage raising means.
12. Computer program product comprising instructions for a processor to evaluate the method according to claim 8 – 9.
13. Computer program product according to claims 10 provided at least in part over a network, such as the Internet
14. Computer readable medium, characterized in that it contains a computer program product according to claims 8 – 9.